

Substance Details Report

January 10, 2017

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	26252
EPA Registry Name	Ethyl isocyanate	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	Ethane, isocyanato-		
Systematic Name List	Chemical Abstracts Index Name		
Preferred Acronym			
CAS Number	109-90-0		
EPA Identification Number			
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula	C3H5NO		
Molecular Weight	71.08		
Comment/Description			

Definition

Classifications

Associated Identifiers

Former CAS Numbers

1025436-17-2

Structure

Notation

O=C=NCC

Notation Type

SMILES

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Ethyl isocyanate	Valid		
TSCA 8A PAIR	Ethane, isocyanato-	Valid	10/29/1990	
TSCA 8D HSDR (d)	Ethane, isocyanato-	Valid	10/29/1990	12/19/1995
TSCA 8D TERM	Ethane, isocyanato-	Valid	12/19/1995	
TSCA Inv	Ethane, isocyanato-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
CAMEO Chemicals	Ethyl isocyanate	Valid		
CERCLIS3	Ethyl isocyanate	Valid		
CORR	Ethane, isocyanato-	Valid		
GCES	Ethane, isocyanato-	Valid		
TSCATS	Ethane, isocyanato-	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Ethane, isocyanato-	Valid		
ChemIDStd	Ethyl isocyanate	Valid		
FDA	ETHYL ISOCYANATE	Unknown		
HSDB	Ethyl isocyanate	Valid		
NJ-RTK-HS	Ethyl isocyanate	Valid		

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Ethyl isocyanate	Unknown		

EPA Synonyms

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There are no Synonyms of this type.

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Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

<http://nj.gov/health/eoh/rtkweb/documents/fs/0892.pdf>

<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=109-90-0>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=109-90-0&result=advanced>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000109900>